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Amendments to the Claims:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Twice Amended) A composition for forming an insulating layer, the composition comprising:

a mixture comprising surface modified inorganic nanoparticles present in an amount of 5 to 95 percent by weight of the mixture dispersed in polymethylsilsesquioxane present in an amount of 5 to 95 percent by weight of the mixture, wherein the surface modifier comprises a carboxylic acid, a carboxylic acid derivative, a silane, or mixtures thereof;

a solvent; and

one or more optional additives,

wherein the composition has a viscosity suitable for applying the composition using a digital printing technique.

- 2. (Original) The composition of claim 1, wherein the composition has a viscosity of 1 to 100,000 centipoise measured using continuous stress sweep, over shear rates of 1 s⁻¹ to 1000 s⁻¹.
- (Original) The composition of claim 1, wherein the composition has a viscosity suitable for ink jet printing.
- 4. (Original) The composition of claim 3, wherein the composition has a viscosity of 1 to 40 centipoise measured using continuous stress sweep, over shear rates of 1 s⁻¹ to 1000 s⁻¹.
- 5. (Original) The composition of claim 1, wherein the nanoparticles comprise one or more of silica, zirconia, and alumina particles.
- 6. (Previously Cancelled).

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- (Cancelled). 7.
- (Currently Amended) The composition of claim 31, wherein the carboxylic acid 8. derivatives comprise hexanoic acid or 2[-2-(2-methoxyethoxy)ethoxy] acetic acid.
- (Currently Amended) The composition of claim 31, wherein the silanes comprise 9. methyltriethoxysilane, methyltrimethoxysilane, isobutyltriethoxysilane, isobutyltrimethoxysilane, isooctyltriethoxysilane, isooctyltrimethoxysilane, or mixtures thereof.
- (Original) The composition of claim 1, wherein the nanoparticles have an average size of 10. 1 to 500 nanometers.
- (Original) The composition of claim 1, wherein the nanoparticles have an average size of 11. 5 to 125 nanometers.
- (Original) The composition of claim 1, wherein the one or more optional additives are 12. present in an amount of 0 to 60 percent by weight of the composition after evaporation of substantially all the solvent.
- (Original) The composition of claim 1, wherein the one or more optional additives 13. comprise an adhesion promoter.
- 14. (Original) The composition of claim 13, wherein the adhesion promoter comprises polyethyloxazoline.
- 15. (Original) The composition of claim 13, wherein the adhesion promoter is present in an amount of 0 to 5 percent by weight of the composition after evaporation of substantially all the solvent.

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16. (Currently Amended) A composition for forming an insulating layer, the composition comprising:

a mixture comprising surface modified inorganic nanoparticles present in an amount of 5 to 95 percent by weight of the mixture dispersed in polymethylsilsesquioxane present in an amount of 5 to 95 percent by weight of the mixture;

a solvent; and

an additive comprising The composition of claim 1, wherein the one or more optional additives comprise one or more tetraalkoxysilanes and alkyltrialkoxysilanes.

wherein the composition has a viscosity suitable for applying the composition using a digital printing technique.

- 17. (Original) The composition of claim 16, wherein the alkoxysilanes are selected from the group consisting essentially of tetraethoxysilane, tetramethoxysilane, methytriethoxysilane, and methyltrimethoxysilane.
- 18. (Original) The composition of claim 16, wherein the one or more tetraalkoxysilanes and alkyltrialkoxysilanes are present in an amount of 0 to 50 percent by weight of the composition after evaporation of substantially all the solvent.
- 19. (Original) The composition of claim 1, wherein the one or more optional additives comprise a flexibilizer.
- 20. (Currently Amended) A composition for forming an insulating layer, the composition comprising:

a mixture comprising surface modified inorganic nanoparticles present in an amount of 5 to 95 percent by weight of the mixture dispersed in polymethylsilsesquioxane present in an amount of 5 to 95 percent by weight of the mixture;

a solvent; and

an additive comprising a flexibilizer comprising The composition of claim 19, wherein the flexibilizer comprises one or more of dialkyldialkoxysilanes and trialkylmonoalkoxysilanes.

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wherein the composition has a viscosity suitable for applying the composition using a digital printing technique.

- 21. (Original) The composition of claim 20, wherein the one or more dialkyldialkoxysilanes and trialkylmonoalkoxysilanes are selected from the group consisting essentially of dimethyldiethoxysilane, dimethyldimethoxysilane, trimethylethoxysilane, and trimethylmethoxysilane.
- 22. (Original) The composition of claim 19, wherein the flexibilizer is present in an amount of 0 to 40 percent by weight of the composition after evaporation of substantially all the solvent.
- 23. (Currently Amended) A composition for forming an insulating layer, the composition comprising:

a mixture comprising surface modified inorganic nanoparticles present in an amount of 5 to 95 percent by weight of the mixture dispersed in polymethylsilsesquioxane present in an amount of 5 to 95 percent by weight of the mixture;

a solvent; and

an additive comprising The composition of claim 1, wherein the one or more optional additives comprise an organic acid,

wherein the composition has a viscosity suitable for applying the composition using a digital printing technique.

- 24. (Original) The composition of claim 23, wherein the organic acid comprises acetic acid, methoxyethoxyacetic acid, hexanoic acid, or mixtures thereof.
- 25. (Original) The composition of claim 23, wherein the organic acid is present in an amount of 0 to 3 percent by weight of the composition after evaporation of substantially all the solvent.
- 26. (Original) The composition of claim 1, wherein the solvent comprises an alcohol, a ketone, an other, an acetate, or mixtures thereof.

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- 27. (Cancelled).
- (Cancelled).
- 29. (Cancelled).
- 30. (Cancelled).
- 31. (Previously Cancelled).
- 32. (Previously Presented) A touch activated user input device comprising:
 a substrate comprising a resistive layer in an active area of the user input device; and
 an insulating layer disposed at least over a portion of the resistive layer, the insulating
 layer comprising polyorganosilsesquioxane.
- 33. (Original) The touch activated user input device of claim 32, wherein the insulating layer further comprises inorganic nanoparticles.
- 34. (Original) The touch activated user input device of claim 32, wherein the substrate comprises glass or plastic.
- 35. (Previously Presented) The touch activated user input device of claim 32, wherein the substrate comprises polyethylene terephthalate.
- 36. (Previously Presented) The touch activated user input device of claim 32, wherein the substrate further comprises conductive traces.
- 37. (Previously Presented) The touch activated user input device of claim 36, wherein the insulating layer extends over the conductive traces.

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- 38. (Original) The touch activated user input device of claim 32, wherein the insulating layer is deposited as a protective coat over a linearization layer.
- 39. (Previously Presented) The touch activated user input device of claim 32, wherein the insulating layer forms a hard coat.
- 40. (Original) The touch activated user input device of claim 36, wherein the conductive traces comprise a conductive polymer.
- 41. (Previously Presented) The touch activated user input device of claim 37, wherein the insulating layer over the conductive traces is substantially free of pinholes.
- 42. (Previously Cancelled).
- 43. (Original) The touch activated user input device of claim 32, wherein the insulating layer comprises at least 10 percent by weight polymethylsilsesquioxane.
- 44. (Original) The touch activated user input device of claim 32, wherein the insulating layer comprises from 10 to 95 percent by weight polymethylsilsesquioxane and from 5 to 90 percent by weight inorganic nanoparticles.
- 45. (Original) The touch activated user input device of claim 32, wherein the insulating layer is substantially stable at a temperature of 500 °C.
- 46. (Cancelled).
- 47. (Cancelled).

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resistive layer is discontinuous.

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(Previously Presented) The touch activated user input device of claim 32, wherein the